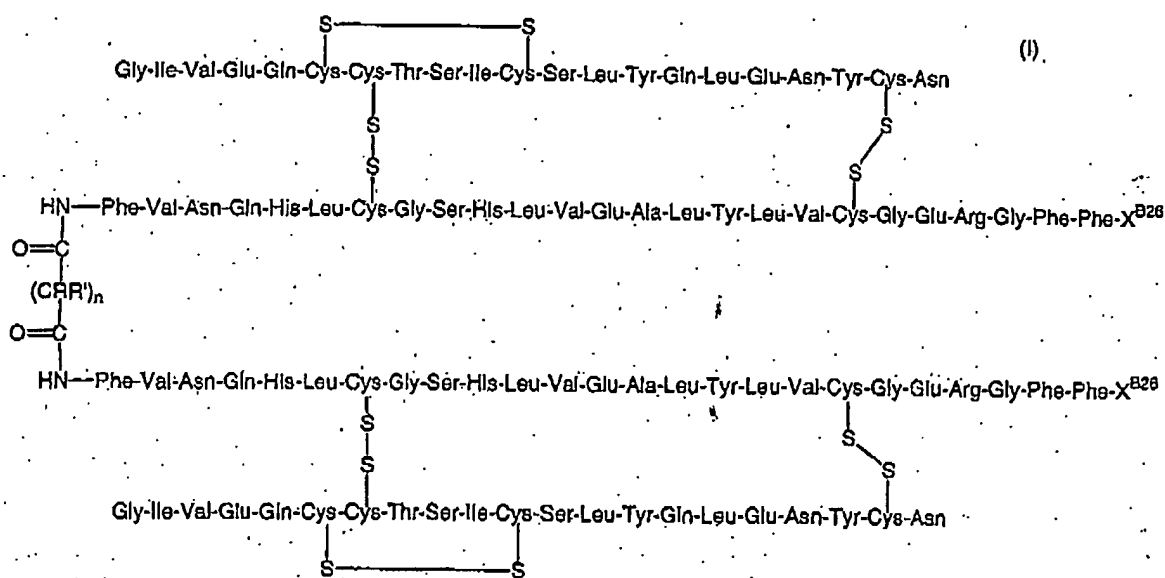


Claim 15. (Currently Amended) An insulin analogue consisting of two identical or different insulin monomers covalently linked together via a bridge,

wherein the insulin monomers are selected from a group consisting of comprising

a human insulin, an animal insulin ~~insulins~~, a derivative of a human insulin, and a derivative of an ~~derivatives of human insulin and animal insulin~~ ~~insulins~~,

wherein at least one derivative of a human insulin or a derivative of an animal insulin is present in said [[an]] insulin analogue, wherein said insulin analogue has a formula of:



wherein:

a) X is, independently of one another, a branched or unbranched C₁-C₁₀-alkyl group, a mono- or polysubstituted aryl group, a C₁-C₁₀-alkyl group, mono- or polysubstituted or unsubstituted O-aryl group, an amino acid or a derivative thereof, or a group of the formula NRR', wherein

b) each of R and R' is H, NH₂, a branched or unbranched C₁-C₁₀-alkyl radical, or a mono- or polysubstituted or unsubstituted aryl group, and wherein

c) n is 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, or 16,

or a physiologically acceptable salt of said insulin analogue salts thereof.